

Foil C2115W1 Preliminary Examination

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Low Resolution Crater Scanning

JEOL 840A Scanning Electron Microscope
Measurement Conditions: 10 kV, 5nA, 160x magnification
Secondary electron imaging of an area of 13.5 mm²

Crater Locations

No craters were found; estimated limit of resolution $\sim 1\text{-}2\ \mu\text{m}$

Crater Size Distribution

No craters were found; estimated limit of resolution $\sim 1\text{-}2\ \mu\text{m}$

Photos

No craters were found; estimated limit of resolution $\sim 1\text{-}2\ \mu\text{m}$

Crater Compositional Information

No craters were found; estimated limit of resolution $\sim 1\text{-}2\ \mu\text{m}$

Additional Information

On this foil we found numerous dark circular patches that looked like dried droplets of some kind of liquid. These ranged in size from about 1 to 500 μm and their density is quite variable over the area of the foil; EDX analyses of these areas (at 10 kV) did not show the presence of any noticeable elements (other than Al). We suspect that they probably represent some type of pre- or post-mission contamination. We did not observe these circles on any of the other foils we received.

